

Northern Ireland 2011 Cattle Results On Farm

Group of Substances	Compounds	Matrix	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
A1	Stilbenes	Urine	Cattle (y.b.)	Not set	20	27	27			
A1	Stilbenes	Urine	Cows OTMS	Not set	6	8	8			
A2	Thyrostats	Urine	Cattle (y.b.)	Not set	23	23	23			
A2	Thyrostats	Urine	Cows OTMS	Not set	4	6	6			
A3	Trenbolone	Urine	Cattle (all)	Not set	43	116	116			
A3	Trenbolone	Urine	Cows OTMS	Not set	14	27	27			
A3	Progesterone	Urine	Cattle (m)	Not set	26	26	26			
A3	Oestradiol	Serum	Cattle (m)	Not set	47	46	46			
A3	Testosterone	Serum	Cattle(f)	Not set	35	37	37			
A3	Testosterone	Serum	Cows OTMS	Not set	13	13	13			
A3	Nortestosterone	Urine	Cattle(y.b.)	Not set	57	99	99			
A3	Methyltestosterone	Urine	Cattle (all)	Not set		116	116			
A3	Methyltestosterone	Urine	Cows OTMS	Not set		27	27			
A3	Stanozolol	Urine	Cattle (all)	Not set		116	116			
A3	Stanozolol	Urine	Cows OTMS	Not set		27	27			
A3	Gestagens	Serum	Cattle (y.b.)	Not set	35	40	40			
A3	Gestagens	Serum	Cows OTMS	Not set	13	11	11			
A3	α-Boldenone	Urine	Cattle (y.b.)	Not set	15	116	116			
A3	α-Boldenone	Urine	Cows OTMS	Not set	15	27	27			
A4	Zeranol	Urine	Cattle (y.b.)	Not set	20	22	22			
A4	Zeranol	Urine	Cows OTMS	Not set	5	7	7			
A5	Beta agonists	Feed	Cattle (y.b.)	Not set	27	45	45			
A5	Beta agonists	Feed	Cows OTMS	Not set	13	11	11			
A5	Beta agonists	Urine	Cattle (y.b.)	Not set	24	50	50			
A5	Beta agonists	Urine	Cows OTMS	Not set	4	10	10			
A6	Chloramphenicol	Urine	Cattle(all)	Not set	20	21	21			
A6	Chloramphenicol	Urine	Cows OTMS	Not set	18	18	14			
A6	Nitrofurans	Feed	Cattle(all)	Not set	21	21	21			
A6	Nitrofurans	Feed	Cows OTMS	Not set	4	3	3			

Northern Ireland 2011 Cattle Results Slaughter House

Group of Substances	Compounds	Matrix	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
A1	Stilbenes	Urine	Cattle (y.b)	Not Set	22	20	20			
A1	Stilbenes	Urine	Cows OTMS	Not Set	4	4	4			
A2	Thyrostats	Urine	Cattle (y.b.)	Not Set	21	23	23			
A2	Thyrostats	Urine	Cows OTMS	Not Set	6	4	4			
A3	Trenbolone	Urine	Cattle (all)	Not set	41	131	131			
A3	Trenbolone	Urine	Cows OTMS	Not Set	16	24	24			
A3	Progesterone	Urine	Cattle (m)	Not set	20	27	27			
A3	Oestradiol	Serum	Cattle (m)	Not set	26	26	26			
A3	Testosterone	Serum	Cattle(f)	Not set	30	28	28			
A3	Testosterone	Serum	Cows OTMS	Not Set	12	12	12			
A3	Nortestosterone	Urine	Cattle (all)	Not set	47	111	111			
A3	Methyltestosterone	Urine	Cattle (all)	Not set		129	129			
A3	Methyltestosterone	Urine	Cows OTMS	Not set		24	24			
A3	Stanozolol	Urine	Cattle (all)	Not set		129	129			
A3	Stanozolol	Urine	Cows OTMS	Not set		24	24			
A3	Gestagens	Kidney fat	Cattle (y.b.)	Not set	30	32	32			
A3	Gestagens	Kidney fat	Cows OTMS	Not Set	12	10	10			
A3	Boldenone	Urine	Cattle (y.b)	Not set	12	129	129			
A3	Boldenone	Urine	Cows OTMS	Not Set	19	25	25			
A4	Zeranol	Urine	Cattle (y.b)	Not Set	16	16	16			
A4	Zeranol	Urine	Cows OTMS	Not Set	4	3	3			
A5	Beta agonists	Liver/retina	Cattle (y.b)	Not Set	72	71	71			
A5	Beta agonists	Liver/retina	Cows OTMS	Not Set	13	14	14			
A6	Chloramphenicol	Kidney	Cattle (y.b)	Not set	19	22	22			
A6	Chloramphenicol	Kidney	Cows OTMS	Not set	18	15	15			
A6	Nitroimidazoles	Kidney	Cattle (y.b)	Not set	20	18	18			
A7	Nitroimidazoles	Kidney	Cattle OTMS	Not set	6	8	8			
A6	Nitrofurans	Kidney	Cattle	Not set	21	21	21			

B1	Antibacterial substances	Kidney	Cattle	Various	217	220	220			
B1	Antibacterial substances	Kidney	Cows OTMS	Various	17	17	17			
B1	Sulphonamides	Kidney	Cattle	100	34	36	36			
B2a	Benzimidazoles	Liver	Cattle (all)	Various	39	39	39			
B2a	Avermectins	Liver	Cattle (all)	Various	53	52	52			
B2a	Levamisole	Liver	Cattle (all)	100	39	39	39			
B2c	Pyrethroids	Kidney fat	Cattle	Various	5	5	5			
B2d	Sedatives	Kidney	Cattle	Various	7	7	7			
B2d	β-Blockers	Kidney	Cattle	15	7	7	7			
B2e	NSAIDS	Liver	Cattle	Not set	79	80	80			
B2e	NSAIDS	Liver	Cows OTMS	Not Set	23	21	21			
B2e	Phenylbutazone	Plasma	Cattle	Not set	79	62	62			
B2e	Phenylbutazone	Plasma	Cows OTMS	Not Set	23	21	21		0.24	
B2f	Corticosteroids	Liver	Cattle	Various	18	20	20			
B2f	Corticosteroids	Liver	Cows OTMS	Various	33	31	31			
B3a	Organochlorines/PCBs	Kidney fat	Cattle	Various	12	13	13			
B3b	Organophosphates	Kidney fat	Cattle	Various	35	36	36			
B3b	Organophosphates	Kidney fat	Cows OTMS	Various	3	3	3			
B3c	Cadmium	Kidney	Cows OTMS	1000	8	8	0	10, 179, 326, 460, 491, 692, 947	1571	2
B3c	Lead	Kidney	Cows OTMS	500	8	8	5	73, 99, 144		
B3c	Arsenic	Kidney	Cows OTMS	1000		8	4	9, 13, 20, 25		
B3c	Cadmium	Muscle	Cows OTMS	50	8	8	7	10		
B3c	Lead	Muscle	Cows OTMS	100	8	8	8			
B3c	Arsenic	Muscle	Cows OTMS	1000		8	4	7, 8, 10(2)		
B3d	Aflatoxins	Liver	Cattle	Not set	5	1	1			

Notes

1	Phenylbutazone was detected in one bovine at slaughter. Follow-up samples were collected . All were compliant.
2	Cadmium detected above the MRL in the kidney of a seven year old bovine. The muscle was compliant.

Northern Ireland 2011 Pig Results On Farm

Group of Substances	Compounds	Material to be analysed	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
A3	Methyltestosterone	Feed	Pigs	Not set	2	2	2			
A5	Beta agonists	Feed	Pigs	Not set	4	4	4			
A6	Nitrofurans	Feed	Pigs	Not set	1	1	1			
A6	Nitroimidazoles	Feed	Pigs	Not set	1	1	1			

Northern Ireland 2011 Pig Results Slaughter House

Group of Substances	Compounds	Material to be analysed	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
A1	Stilbenes	Urine	Pigs (all)	Not set	13	13	13			
A2	Thyrostats	Urine	Pigs (all)	Not set	8	8	8			
A3	Altrenogest	Kidney fat	Pigs (all)	Not set	8	16	16			
A3	Methyltestosterone	Urine	Pigs (all)	Not set	8	16	16			
A3	Stanozolol	Urine	Pigs (all)	Not set		16	16			
A3	Trenbolone	Urine	Pigs (all)	Not set	8	18	16			
A4	Zeranol	Urine	Pigs (all)	Not set	15	16	16			
A5	Beta agonists	Liver	Pigs (all)	Not set	34	35	35			
A6	Chloramphenicol	Kidney	Pigs (all)	Not set	23	23	23			
A6	Nitroimidazoles	Kidney	Pigs (all)	Not set	21	21	21			
A6	Nitrofurans metabolites	Kidney	Pigs (all)	Not set	30	30	30			
B1	Antibacterial substances	Kidney	Pigs(all)	Various	80	82	81		Sulphadiazine 937	1
B1	Sulphonamides	Kidney	Pigs(all)	100	78	79	79			
B2a	Benzimidazoles	Liver	Pigs	Various	9	9	9			
B2a	Levamisole	Liver	Pigs	100	9	8	8			
B2a	Avermectins	Liver	Pigs	Various	18	18	18			
B2b	Ionophores	Liver	Pigs	Not Set	8	8	8			
B2c	Pyrethroids	Kidney fat	Pigs	Not Set	7	5	5			
B2c	Carbamates	Kidney fat	Pigs	Not Set	7	5	5			
B2d	Sedatives	Kidney	Pigs	100	16	16	16			
B2d	Carazolol	Liver	Pigs	25	16	16	16			
B2e	NSAIDs	Liver	Pigs	Not Set	4	4	4			
B2f	Corticosteroids	Liver	Pigs	2	4	4	4			
B2f	QCA/MeQCA	Liver	Pigs	Not set	25	24	24			

B3a	Organochlorines/PCBs	Kidney fat	Pigs	Various	6	4	4			
B3b	Organophosphates	Kidney fat	Pigs	Various	14	14	14			
B3c	Cadmium	Kidney	Pigs	1000	1	1	0	156		
B3c	Lead	Kidney	Pigs	500	1	1	1			
B3c	Arsenic	Kidney	Pigs	1000		1	1			
B3c	Cadmium	Muscle	Pigs	50		1	1			
B3c	Lead	Muscle	Pigs	100		1	1			
B3c	Arsenic	Muscle	Pigs	50		1	1			
B3d	Aflatoxins	Liver	Pigs	Not set	6	0	0			

* Extra samples to be targeted to Northern Ireland
Samples in blue tested for more than one substance

Notes

1	Sulphadiazine detected above the MRL in one pig kidney. Three batches of follow-up samples were collected. All were compliant
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Northern Ireland 2011 Sheep Results Slaughter House

Group of Substances	Compounds	Material to be analysed	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
A1	Stilbenes	Urine	Sheep	Not set	3	3	3			
A2	Thyrostats	Urine	Sheep	Not set	3	3	3			
A3	α-Boldenone	Urine	Sheep	Not set		14	14			
A3	Methyltestosterone	Urine	Sheep	Not set	4	14	14			
A3	α/β-Nortestosterone	Urine	Sheep	Not set	5	13	13			
A3	Stanozolol	Urine	Sheep	Not set		14	14			
A3	Trenbolone	Urine	Sheep	Not set	5	14	14			
A3	Gestagens	Kidney fat	Sheep	Not set	4	4	4			
A4	Zeranol/Taleranol	Urine	Sheep	Not set	2	2	2			
A5	Beta agonists	Liver	Sheep	Not set	8	8	8			
A6	Chloramphenicol	Kidney	Sheep	0.3	4	4	4			
A6	Nitroimidazoles	Kidney	Sheep	Not set	4	4	4			
A6	Nitrofurans	Kidney	Lamb	Not set	7	7	7			
B1	Any antimicrobial agent	Kidney	Sheep	Various	103	102	102			
B1	Sulphonamides	Kidney	Sheep	100	4	4	4			
B2a	Benzimidazoles	Liver	Sheep	Various	15	15	15			
B2a	Avermectins	Liver	Sheep	Various	20	20	20			
B2a	Levamisole	Liver	Sheep	100	9	9	9			
B2b	Coccidiostats	Liver	Sheep	Not Set	12	16	16			
B2c	Pyrethroids	Kidney fat	Sheep	Not Set	22	17	17			
B2d	Sedatives	Kidney	Sheep	Various	4	4	4			
B2e	NSAIDs	Liver	Sheep	Not set	2	2	2			
B2f	Corticosteroids	Liver	Sheep	Not set	1	1	1			
B3a	Organochlorines/PCBs	Kidney fat	Sheep	Various	5	4	4			
B3b	Organophosphates	Kidney fat	Sheep	Various	22	22	22			
B3c	Cadmium	Kidney	Sheep	1000	2	2	2	17, 56		
B3c	Lead	Kidney	Sheep	500	2	2	2			
B3c	Arsenic	Kidney	Sheep	1000		2	1	73		
B3c	Cadmium	Muscle	Sheep	50	2	2	2			
B3c	Lead	Muscle	Sheep	100	2	2	2			
B3c	Arsenic	Muscle	Sheep	1000		2	1	34		

Notes

Northern Ireland 2011 Poultry Results On farm

Group of substances	Compounds	Species	Matrix	MRL µg/kg	Planned Numbers	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
A5	Beta-agonists	Broilers	Feed	Not set	25	26	26			
A5	Beta-agonists	Turkeys	Feed	Not set	1	0	0			
A6	Nitroimidazoles	Broilers	Feed	Not set	25	25	25			
A6	Nitroimidazoles	Turkeys	Feed	Not set	2	1	1			
A6	Nitrofurans	Broilers	Feed	Not set	25	24	24			
A6	Nitrofurans	Turkeys	Feed	Not set	3	4	4			
Total Samples					81					

Northern Ireland 2011 Poultry Results Slaughterhouse

Group of substances	Compounds	Species	Material	MRL µg/kg	Nos Samples Northern Ireland	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
A1	DES	Broilers	Liver/serum	Not set	16	18	18			
A1	DES	Turkeys	Liver/serum	Not set	1	1	1			
A3	Trenbolone	Broilers	Liver/serum	Not set	21	22	22			
A3	Trenbolone	Turkeys	Liver/serum	Not set	2	2	2			
A4	Zeranol	Broilers	Liver/serum	Not set	20	22	22			
A4	Zeranol	Turkeys	Liver/serum	Not set	1	1	1			
A5	B-agonists	Broilers	Liver	Not set	42	45	45			
A6	B-agonists	Hens	Liver	Not set	1	1	1			
A5	B-agonists	Turkeys	Liver	Not set	2	2	2			
A6	Chloramphenicol	Broilers	Muscle	Not Set	50	55	55			
A6	Chloramphenicol	Hens	Muscle	Not Set	1	2	2			
A6	Chloramphenicol	Turkeys	Muscle	Not Set	2	2	2			
A6	Nitroimidazoles	Broilers	Liver	Not Set	87	97	97			
A6	Nitroimidazoles	Hens	Liver	Not Set	3	3	3			
A6	Nitroimidazoles	Turkeys	Liver	Not Set	6	7	7			
A6	Nitrofurans	Broilers	Muscle	Not Set	50	55	55			
A6	Nitrofurans	Hens	Muscle	Not Set	1	2	2			
A6	Nitrofurans	Turkeys	Muscle	Not Set	13	13	13			

Northern Ireland 2011 Poultry Results Slaughterhouse

Group of substances	Compounds	Species	Material	MRL µg/kg	Nos Samples Northern Ireland	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
B1	Antimicrobial Screen	Broilers	Muscle	Various	138	152	152			
B1	Antimicrobial Screen	Hens	Muscle	Various	2	3	3			
B1	Antimicrobial Screen	Turkeys	Muscle	Various	9	14	14			
B1	Sulphonamides	Broilers	Muscle	100	34	39	39			
B1	Sulphonamides	Hens	Muscle	100	1	2	2			
B1	Sulphonamides	Turkeys	Muscle	100	2	4	4			
B1	Quinolones	Broilers	Muscle	Various	54	54	54			
B1	Quinolones	Turkeys	Muscle	Various	3	3	3			
B2a	Benzimidazoles	Broilers	Liver	Various	15	17	17			
B2a	Benzimidazoles	Hens	Liver	Various	1	1	1			
B2a	Benzimidazoles	Turkeys	Liver	Various	4	6	6			
B2a	Levamisole	Broilers	Liver	100	15	17	17			
B2b	Nicarbazin	Broilers	Liver	15,000	38	85	85			
B2b	Ionophores	Broilers	Liver	Not Set	36	76	76			
B2b	Ionophores	Turkeys	Liver	Not Set	2	4	4			
B2c	Carbamates/Pyrethroids	Broilers	Liver	Not Set	7	6	6			
B2c	Carbamates/Pyrethroids	Turkeys	Liver	Not Set	1	0	0			
B3a	Organochlorines/PCBs	Broilers	Liver	Various	28	28	28	20.2		
B3a	Organochlorines/PCBs	Turkeys	Liver	Not set	2	2	2			
B3c	Cadmium	Broilers	Liver	500	7	6	0	19, 21, 27, 28, 32, 41		
B3c	Lead	Broilers	Liver	500	7	6	5	70		
B3d	Aflatoxins	Broilers	Liver	Various	2	0	0			

Notes

Northern Ireland 2011 Milk Results

Group of substances	Compounds	Species	Matrix	MRL (µg/kg)	Planned Numbers	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
A6	Chloramphenicol	Bovine	Milk	Not set	80	83	83	-	-	
B1	Antibacterial substances	Bovine	Milk	Various	104	103	103	-	-	
B1	Aminoglycosides	Bovine	Milk	Various	24	103	103			
B1	Cephalosporins	Bovine	Milk	Various	40	103	103	-	-	
B1	Quinolones	Bovine	Milk	100	40	103	103	-	-	
B1	Sulphonamides	Bovine	Milk	100	104	99	99	-	-	
B2a	Avermectins	Bovine	Milk	Not set	48	48	47	-	5.2	1
B2a	Benzimidazoles	Bovine	Milk	Various	13	13	13	-	-	
B2a	Levamisole	Bovine	Milk	Not set	13	13	13	-	-	
B2a	Nitroxynil	Bovine	Milk	Not set	50	46	43		3.8,13 & 144	2
B2e	Phenylbutazone	Bovine	Milk	Not Set	31	38	38	-	-	
B2e	Flunixin	Bovine	Milk	40	13	13	13	-	-	
B3a	Organochlorines/ PCBs	Bovine	Milk	Not set	8	7	7	-	-	
B3b	Organophosphates	Bovine	Milk	Not set	6	6	6	-	-	
B3c	Cadmium	Bovine	Milk	Not set	3	3	3			
B3c	Lead	Bovine	Milk	20	3	3	3	-	-	
B3d	Aflatoxin M1	Bovine	Milk	0.05	7	2	2	-	-	

Group of substances	Compounds	Species	Matrix	MRL (µg/kg)	Planned Numbers	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
A6	Chloramphenicol	Caprine	Milk	Not set	2	2	2	-	-	
B1	Antibacterial substances	Caprine	Milk	Various	2	3	3	-	-	
B1	Cephalosporins	Caprine	Milk	Various	2	3	3	-	-	
B1	Quinolones	Caprine	Milk	100	2	3	3	-	-	
B1	Sulphonamides	Caprine	Milk	100	2	3	3	-	-	
B2a	Avermectins	Caprine	Milk	Not set	1	1	1	-	-	
B2a	Benzimidazoles	Caprine	Milk	Various	1	1	1	-	-	
B3a	Organochlorines/ PCBs	Caprine	Milk	Not set	1	1	1	-	-	

Notes

1	Ivermectin detected in one milk sample
2	Nitroxynil detected in three milk samples.

Northern Ireland 2011 Egg Results

Group of substances	Compounds	Matrix	MRL (µg/kg)	Planned Numbers	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
A6	Chloramphenicol	Eggs	Not Set	11	14	14			
A6	Nitroimidazoles	Eggs	Not Set	11	12	12			
A6	Nitrofurans	Eggs	Not Set	11	12	12			
B1	Antimicrobial Screen	Eggs	Not Set	34	34	34			
B2b	Nicarbazin	Eggs	100	16	20	20			
B2b	Ionophores	Eggs	Various	21	22	22			
B3a	Organochlorines/PCBs	Eggs	Various	8	8	8			

Northern Ireland 2011 Fish Results

Group of substances	Compounds	Species	Matrix	MRL µg/kg	Planned Numbers	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
B3e	Dyes	Trout	Skin + muscle	Not Set	4	4	4	-	-	
B3e	Dyes	Salmon	Skin + muscle	Not Set	1	1	1	-	-	

Northern Ireland 2011 Farmed Game Results Slaughter House

Group of Substances	Compounds	Matrix	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
B1	Antibacterial substances	Kidney	Farmed Deer	Various	2	2	2			
B2a	Benzimidazoles	Liver	Farmed Deer	Various	2	2	2			
B2a	Levamisole	Liver	Farmed Deer	Not Set	2	2	2			

Northern Ireland 2011 Horse Results Slaughter House

Group of Substances	Compounds	Material to be analysed	Species	MRL µg/kg or µg/l	Planned Numbers	Number analysed	Number Less than LOQ	Concentration detected where samples were below the MRL/MRPL/Action Level (µg/kg)	Concentration detected where samples were above the MRL/MRPL/Action Level (µg/kg)	Note
B2e	Phenylbutazone	Plasma	Horses	Not set	10	8	8			

2011 NI Meat inspection samples in detail

Matrix	Analyte	Number of samples analysed	Less than MRL/Action level	Concentration detected above the MRL/Action Level (µg/kg)	Note
Cattle retina SH	β-agonists	14	14		
Cattle Liver SH	β-agonists	4	4		
Cattle urine SH	Hormones	3	3		
Cattle muscle SH	Antimicrobial agents	1800			
	Aminoglycosides	1	1		
	Penicillins & Cephalosporins	3	3		
	Quinolones	7	6	Marbofloxacin 336	1
	Sulphonamides	1	0	Sulphadiazine 9017	2
	Tetracyclines	12	8	Oxytetracycline 141, 185, 515 & 1735	3
Cattle muscle SH	Nitroxylnil	4	4		
	NSAIDS	3	3		
Cattle Liver SH	Avermectins	4	4		
	Corticosteroids	8	8		
Sheep muscle SH	Antimicrobial agents	2	2		
Pig muscle SH	Antimicrobial agents	100	100		

Key:

SH	Slaughterhouse
OF	On farm
(n)	Number of samples with same concentration of analyte
Bold	Samples declared positive in excess of MRL or action level
AMs	Antimicrobials

Notes

1	Marbofloxacin detected above MRL. Carcase excluded from the food chain
2	Sulphadiazine detected above MRL. Carcase excluded from the food chain
3	Oxytetracycline detected above MRL. Carcasses excluded from the food chain

2011 NI Follow-up samples in detail

Matrix	Analyte	Number of samples analysed	Less than MRL/Action level	Concentration detected above the MRL/Action Level (µg/kg)	Note
Cattle serum OF	Oestradiol	6	6		
Cattle serum SH	Oestradiol	2	2		
Cattle serum SH	Phenylbutazone	2	2		
Cattle Urine OF	Thyrostats	12	12		
Cattle urine OF	Testosterone	54	54		
	α-Boldenone	55	55		
	β-Boldenone	55	55		
	α-Nortestosterone	7	7		
	β-Nortestosterone	7	7		
Cattle urine SH	α-Boldenone	32	32		
	β-Boldenone	32	32		
Sheep urine SH (Male)	α-Boldenone	5	5		
	β-Boldenone	5	5		
Cattle Milk OF	Nitroxylin	9	3	0.4, 0.7, 3.6, 5.6, 10, & 104	1
Cattle Kidney	Cadmium	7	6	1604	2
	Lead	1	1		
	Arsenic	1	1		
Cattle Muscle	Cadmium	7	7		
	Lead	1	1		
	Arsenic	1	1		

Key:

SH	Slaughterhouse
OF	On farm
(n)	Number of samples with same concentration of analyte

Notes

1	Nitroxylin detected in 6 samples. Action level agreed with FSA of 30ppb. Milk from treated animals from high concentration sample withheld from food chain.
2	Cadmium detected in the kidney of one follow-up animal but none in the muscle.

2011 NI Pig Testing Phase I samples in detail

Matrix	Analyte	Number of samples analysed	Less than MRL/Action level	Concentration detected above the MRL/Action Level (µg/kg)	Note
Pig bile SH	Sulphonamides	4924	4880	N/A Qualitative test	
Pig kidney SH	Sulphonamides	5	5	N/A Qualitative test	
Pig kidney SH	AMs	4930		N/A Qualitative test	
	Aminoglycosides	1	1		
	Penicillins & Cephalosporins	8	7	Ampicillin 113	1
	Quinolones	4	3	Marbofloxacin 415	2
	Sulphonamides	47	47		
	Tetracyclines	57	57		

Key:

SH	Slaughterhouse
(n)	Number of samples with same concentration of analyte
Bold	Samples declared positive in excess of MRL or action level
AMP	Ampicillin
Marb	Marbofloxacin

Notes

1	Ampicillin confirmed >MRL (50 µg/kg) in one kidney. Producer placed on intensive sampling programme.
2	Marbofloxacin confirmed >MRL (150 µg/kg) in one kidney. Producer placed on intensive sampling programme.

2011 NI Pig Testing Phase II samples in detail

Matrix	Analyte	Number of samples analysed	Less than MRL/Action level	Concentration detected above the MRL/Action Level (µg/kg)	Note
Pig bile SH	Sulphonamides	200	161	N/A Qualitative test	
Pig Muscle SH	AMs	200	197	N/A Qualitative test	
	Tetracyclines	3	3		
	Sulphonamides	39	39		

Key:

SH	Slaughterhouse
(n)	Number of samples with same concentration of analyte
Bold	Samples declared positive in excess of MRL or action level

Notes

2011 NI extra testing on National Plan samples

Matrix	Analyte	No of samples analysed	Less than MRL/Action Level	Concentration detected above the MRL/Action Level (µg/kg)	
Cattle urine Young SH	Hormones	189	182		
	α-Boldenone	189	189		
	Testosterone	189	189		
Cattle urine OTM SH	Hormones	32	31		
	α-Nortestosterone	32	32		
Cattle urine Young OF	Hormones	190	184		
	α-Boldenone	190	190		
	α-Nortestosterone	190	190		
Cattle urine OTM OF	Hormones	41	40		
	α-Nortestosterone	41	41		
Sheep urine SH	Hormones	20	19		
	ADD	20	20		
Pig urine SH	Hormones	44	44		

Key:

SH	Slaughterhouse
OF	On farm
NSS	National Surveillance Scheme sample
(n)	Number of samples with same concentration of analyte
Bold	Samples declared positive in excess of MRL or action level

Notes

2011 NI Bovine QA samples in detail

Matrix	Analyte	No of samples analysed	Less than MRL/Action Level	Concentration detected above the MRL/Action Level (µg/kg)	
Cattle retina SH	β-Agonists	916	915	CBL 152	1
Cattle Liver SH	β-Agonists	1	0	6.9	1
Cattle urine SH	Ractopamine	187	187		
Cattle urine SH	Hormones	193	184		
	Testosterone	193	184		
Cattle Kidney SH	Antimicrobials	916	916		

Key:

SH	Slaughterhouse
(n)	Number of samples with same concentration of analyte
Bold	Samples declared positive in excess of MRL or action level

Notes

1	Clenbuterol was detected in the retina and liver of one animal.
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2011 NI Survey samples in detail

Matrix	Analyte	Number of samples analysed	Less than MRL/Action level	Concentration detected above the MRL/Action Level (µg/kg)	Note
Cattle Liver SH	Imidocarb	154	154		

Key:

SH	Slaughterhouse
OF	On Farm

2011 Import samples in detail

Matrix	Analyte	Number of samples analysed	Less than MRL/Action Level	Concentration detected above the CCα ($\mu\text{g}/\text{kg}$)	Note
Prawn	Nitrofurans metabolites	1	1	AOZ 0.17	
Prawn	Chloramphenicol	1	1		
Prawn	Tetracyclines	1	1		
Broiler Muscle	Nitrofurans metabolites	2	2		
Broiler Muscle	Chloramphenicol	2	2		